U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE a collection of information unless it contains a valid OMB control number

| Under the Paperwork Reduction Act of 1999, no persons are tel | | omplete if Known |
|--|------------------------|------------------|
| Substitute for form 1449A/PTO | Application Number | 09/112,608 |
| MATION DISCLOSURE | | July 9, 1998 |
| STATEMENT BY APPLICANT (use as many sheets as necessary) | First Named Inventor | Akio Ohba |
| SSTATEMENT BY APPLICANT | Art Unit | 2614 |
| The state of the s | Examiner Name | Jason P. Salce |
| Sheet 1 of 2 | Attorney Docket Number | TM&K-48444 |

| | | | U.S. | PATENT DOCUMENT | rs | |
|---------------|------------|--------|-----------------------------------|------------------|---|---|
| Examiner Cite | | | ent Number Kind Code ² | Publication Date | Name of Patentee or Applicant of Cited | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| Initials* | No | Number | (if known) | MM-DD-YYYY | Document | Figures Appear |
| | ļ <u>.</u> | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | - | | | | | |
| | | | | <u></u> | | |
| | | | | | | |
| | | T. | | | | + |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | FOREIGN | N PATENT DOCU | MENTS | | 1 |
|-----------------------|------|---------------------|---------------------|---------------------------------|------------------|-----------------------------|--|---------------|
| Examiner Initials* | Cite | | Foreign Patent Docu | iment | Publication Date | Name of Patentee or | Pages, Columns, Lines Where Relevant Passages | Τ° |
| | No | Office ³ | Number ⁴ | Kind ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | or Relevant Figures Appear | |
| /JS/ | - | JP | 01-191518 | | 08-01-1989 | NEC Home Electron Ltd. | • | |
| 1001 | | - | | | | | | ↓ — |
| | | | | | | | | |
| | | | | | <u> </u> | | | ┼ |
| | | | | | ļ | | | ┼── |
| | | | | | | | | + |
| | | | | | | | | + |
| | | | | | | | | +- |
| | | <u> </u> | | | | | | $\overline{}$ |

| Examiner | /Jean Salas/ | Date | 04/09/2007 |
|-----------|---------------|------------|------------|
| Signature | /Jason Salce/ | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO, Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner

for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| | Complete if Known / | | | | |
|-----------------------------------|------------------------|----------------|--|--|--|
| Substitute for form 1449B/PTO | Application Number | 09/112,608 | | | |
| INFORMATION DISCLOSURE | Filing Date | July 9, 1998 | | | |
| | First Named Inventor | Akio Ohba | | | |
| STATEMENT BY APPLICANT | Group Art Unit | 2614 | | | |
| (use as many sheets as necessary) | Examiner Name | Jason P. Salce | | | |
| Sheet 2 2 | Attorney Docket Number | TM&K-48444 | | | |

| | | The state of the s | |
|-----------------------|---------------------------|--|----|
| | | OTHER PRIOR ART NON PATENT LITERATURE, DOCUMENTS | |
| Examiner Initials* | Cite No ¹ . | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| - | | | |
| | | | |
| | | | |
| | | | |
| | / | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inter Office that issued the document, by the two-letter code (WIPO, Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 06/30/2003 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Sultry tute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
of 2

| С | omplete if Known | |
|------------------------|------------------|--|
| Application Number | 09/112,608 | |
| Filing Date | 07/09/1998 | |
| First Named Inventor | Akio Ohba | |
| Art Unit | 2611 | |
| Examiner Name | Jason P. Salce | |
| Attorney Docket Number | TM&K-484444 | |

| | · | | U.S. I | PATENT DOCUMENT | rs | |
|-----------------------|-------------------------|-----------------|---|--------------------------------|---|---|
| Examiner Initials* | Cite No ¹ | Docur Number | ment Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | · | |
| | | | | | <u> </u> | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | *************************************** | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | ļ <u> </u> | * | | | | |
| | | | | | | <u> </u> |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | · | 1 | |

| | | | | | FUREIG | N PATENT DOCU | MENIS | 1 | Τ - |
|-----------|------|----------|---------------------|------------|--------------------------------|---|------------------------------|----|----------|
| Examiner | Cite | | Foreign Patent Doct | ument | Publication Date | Name of Patentee or | Pages, Columns, Lines | Te | |
| Initials* | | ** *** | | MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | 1 | | |
| /J | S/ | 1. | JP | 02-041190 | | 02-09-1990 | Koufu:KK | | |
| | B T | 2. | JP | 07-088250 | | 04-04-1995 | Sony Corp | | <u> </u> |
| | | 3. | JР | 07-213744 | | 08-15-1995 | Nameo Ltd. | | <u> </u> |
| | | 4. | JP | 08-024440 | 1 | 01-30-1996 | Hitachi Ltd. | | |
| \ | 1 | 5. | JP | 08-206361 | | 08-13-1996 | Internati Business Mach Corp | | |
| _ | / | 6. | JP | 08-243255 | | 09-24-1996 | Nasuka:KK | | |
| | | | | | | · | | | |
| | | ļ | | | | | | | |
| | | ļ | | | | | | | <u> </u> |
| | | į. | | Į | l | I | 1 | 1 | ı |

| Examiner | /Japan Salas/ | Date | 04/09/2007 |
|-----------|---------------|------------|------------|
| Signature | /Jason Salce/ | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inter Office that issued the document, by the two-letter code (WIPO, Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| | | | | • | C | omplete if Known | |
|----------------|--|----------------------|----------------|------------|------------------------|------------------|--|
| Substitu | ute for | form 1449B/PTO | | | Application Number | 09/112,608 | |
| \ ₁ | INITE | ODMATION | וחו | CCI OCUDE | Filing Date | 07/091998 | |
| \ " | | First Named Inventor | Akio Ohba | | | | |
| 3 | INFORMATION DISCLOSUR STATEMENT BY APPLICAN (use as many sheets as necessary) | APPLICANT | Group Art Unit | 2611 | | | |
| | 1 | (use as many shee | ets as | necessary) | Examiner Name | Jason P. Salce | |
| Sheet | 72 | / | of | 2 | Attorney Docket Number | TM&K-48444 | |

| | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|---------------------------|--|--------------|
| Examiner Initials* | Cite No ¹ . | "helude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | 7 | "DirectPhy" DirectX, Inside Windows, 4/1/1997, Vol. 3, Issue 4, pages 91 - 96 - not translated | |
| | | | |
| | 8 | Office Action, Japanese Patent Application No. 2003-401815, April 25, 2006 - transferior | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | · | | |
| | | | |
| | | | |
| | | | |
| | | | |

*EXAMINER: Mittal if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inter Office that issued the document by the two-letter code (WIPO, Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must proceed the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

137357.1

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.